

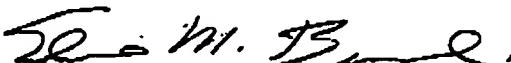
III. Remarks

This is a response to the final action mailed in this application on December 30, 2004. The Examiner's careful attention and suggestions are appreciated. Reexamination, reconsideration and allowance is requested.

All suggestions of the Examiner set out in the objections to claims 2-5, 22-24 and 26-27, and in a telephone conversation with the Examiner on February 24, 2005, have been adopted in the amendment herein. The spelling of "pyrolysis" conforms to the spelling used in the Specification. In response to the rejection of claims 2-4 and 6-27, independent claims 3 and 4, on which claims, 2-4 and 6-27, depend, are amended to include the proper *Markush* terminology suggested by the Examiner. Claim 5 is likewise amended.

Under 37 CFR 1.116, because all claims are amended to include proper *Markush* terminology and the spelling of "pyrolysis" is corrected, applicant submits that the objection and rejection are overcome. Applicant accordingly requests that the amendment be entered and that this application and claims 2-27 be allowed and passed to issue.

Respectfully submitted,



Edwin M. Baranowski, Reg. No. 27,482

Porter, Wright, Morris & Arthur LLP
41 South High Street
Columbus, Ohio 43215
Phone: (614) 227-2188
FAX: (614) 227-2100
e-mail: <EBaranowski@porterwright.com>

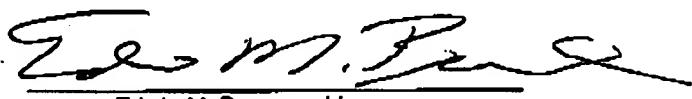
Serial Number 09/912,223 - filed July 24, 2001
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CERTIFICATE OF FILING BY FACSIMILE TRANSMISSION

I certify that the foregoing AMENDMENT AND RESPONSE TO THE FINAL ACTION MAILED ON DECEMBER 30, 2004 is being filed by Facsimile Transmission on February 28, 2005 to Group Art Unit 1754, Attention: Examiner Cam N. Nguyen, facsimile number 571-273-1367 and 703-872-9306.

[Alternate Address: Commissioner for Patents, Mail Stop AF, PO Box 1450, Alexandria, Virginia 22313-1450]


Edwin M. Baranowski

In the application:

Application Number: 09/912,223

Inventor: HE, Ting

Filed: July 24, 2001

For: SUBSTRATES WITH SMALL PARTICLE SIZE METAL OXIDE AND NOBLE METAL CATALYST COATINGS AND THERMAL SPRAYING METHODS FOR PRODUCING THE SAME

Group Art Unit: 1754

Examiner: Cam N. Nguyen

Atty. Docket No.: 3994894-131915-2

Serial Number 09/912,223 - filed July 24, 2001
Amendment and Response to the Official Communication Mailed on December 30, 2004

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